State Revolving Fund Loan Programs
Drinking Water, Wastewater, Nonpoint Source

PRELIMINARY DECISION OF CATEGORICAL EXCLUSION

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

REELSVILLE WATER AUTHORITY
Water Supply and Treatment Improvements
Drinking Water SRF Project # 13 20 29 02

Date: May 6, 2013

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in the water authority's Preliminary Engineering Report will have no substantial negative environmental impact. Therefore, the SRF is issuing a preliminary decision of Categorical Exclusion from the requirements of substantive environmental review.

How were environmental issues considered?

The National Environmental Policy Act requires agencies disbursing Federal funds to include environmental factors in the decision making process. A summary of the project is attached for your review. The SRF's preliminary review has found that the proposed project does not require the preparation of either an Environmental Assessment or an Environmental Impact Statement.

Why is additional environmental review not required?

Our environmental review has concluded that significant environmental impacts will not result from the proposed action.

How do I submit comments?

Comments can be submitted to:

Mrs. April Douglas
Senior Environmental Manager
SRF Programs
317-234-7294; adouglas@ifa.in.gov

CATEGORICAL EXCLUSION

I. PROJECT IDENTIFICATION

Project Name and Address:	Drinking Water Supply and Treatment Improvements Reelsville Water Authority 82 South Main Street, P. O. Box 57 Reelsville, IN 46171
SRF Project Number:	DW 13 20 29 02
Authorized Representative:	Mr. Phillip M. Butt, President

II. PROJECT LOCATION

The drinking water supply and treatment improvement projects are located at the Authority's Water Treatment Plant and well field in Putnam County, Washington Township, Township 13N, Range 5 West, section 23; see Figures 1 and 2.

III. PROJECT NEED AND PURPOSE

In order to continue to provide reliable and safe drinking water the following projects will be implemented:

1. A new chlorine analyzer will be purchased to replace the existing unit that is not functioning properly;

2. Purchase of potassium permanganate feed system equipment to replace the sodium permanganate feed system equipment for improved operational reliability of the potassium permanganate water treatment process and overall safety of operational personnel;

3. Various upgrades to the Supervisory Control & Data Acquisition (SCADA) controls system will provide enhanced plant operations monitoring capabilities and improve SCADA system equipment reliability;

4. Replacement of the existing submersible pumps for wells #2 and #3 with vertical turbine pumps including well cleaning for improved pumping capacity and functional reliability at these two wells and to provide uniformity in well pump equipment;

5. Modification of the filter backwash water supply system with the installation of a dedicated backwash water supply pump with related controls and piping modifications to reduce energy costs, provide the appropriate pressure for backwashing and reduce the impact of excessive pipe vibrations during the backwash operations cycle; and,

6. Filter media inspection and replacement of the filter media based on inspection results. The inspection is necessary because the filter media has potentially gone beyond its useful life and may need replacement.

IV. Estimated Project Costs, Affordability and Funding

A. Selected Plan Estimated Cost Summary

Construction Costs		
Backwash Water Supply System	$	40,000
SCADA Controls Upgrades		40,000
Well Pump Replacement and Cleaning		62,000
Chlorine Analyzer Purchase		8,000
Potassium Permanganate Equipment Purchase		13,000
Filter Media Inspection and Replacement		34,000
Construction subtotal		197,000
Contingency		14,000
Total Construction Cost		**211,000**
Non-Construction Costs		
Administrative and Legal		10,000
Engineering Design, Bidding, and Contract Administration		17,000
Preliminary Engineering Report (PER)		8,000
Project Inspection		4,000
Non-Construction Cost		**39,000**
Total Estimated Project Cost	**$**	**250,000**

B. Reelsville will finance the project with a 20-year loan from the SRF Loan Program at an interest rate to be determined at the time of loan closing. Monthly user rates and charges may need to be analyzed to determine if adjustments are required for loan repayment.

V. Environmental Impacts of the Feasible Alternatives

The project will not affect streams, wetlands, wooded areas, the 100-year floodplain or other sensitive environmental resources and will not convert prime farmland.

Construction and operation of the project will not alter, demolish or remove historic properties (see figure 2). If any visual or audible impacts to historic properties occur, they will be temporary and will not alter the characteristics that qualify such properties for inclusion in or eligibility for the National Register of Historic Places. The SRF's finding pursuant to Section 106 of the Historic Preservation Act is: "no historic properties affected."

VI. Public Participation

A properly noticed public hearing was held on April 2, 2013, at 7:30 pm to discuss the drinking water supply and treatment improvements described in the PER. No comments were received at the public hearing, and no written comments were received during the 5-day comment period following the public hearing.

Figure 1: from Putnam County Interim Report
Indiana Historic Sites and Structures Inventory

WASHINGTON TOWNSHIP [45001-047]

001 C **WELLS HOUSE,** 350 W; Carpenter-Builder/Eastlake, c.1890; Architecture (530)

002 C **A. LANDES FARM,** 350 W; Carpenter-Builder/Eastlake, c.1890; Architecture (530)

003 O **CURTIS STONER HOUSE,** 350 W; Stick Style, 1880; Architecture (530)

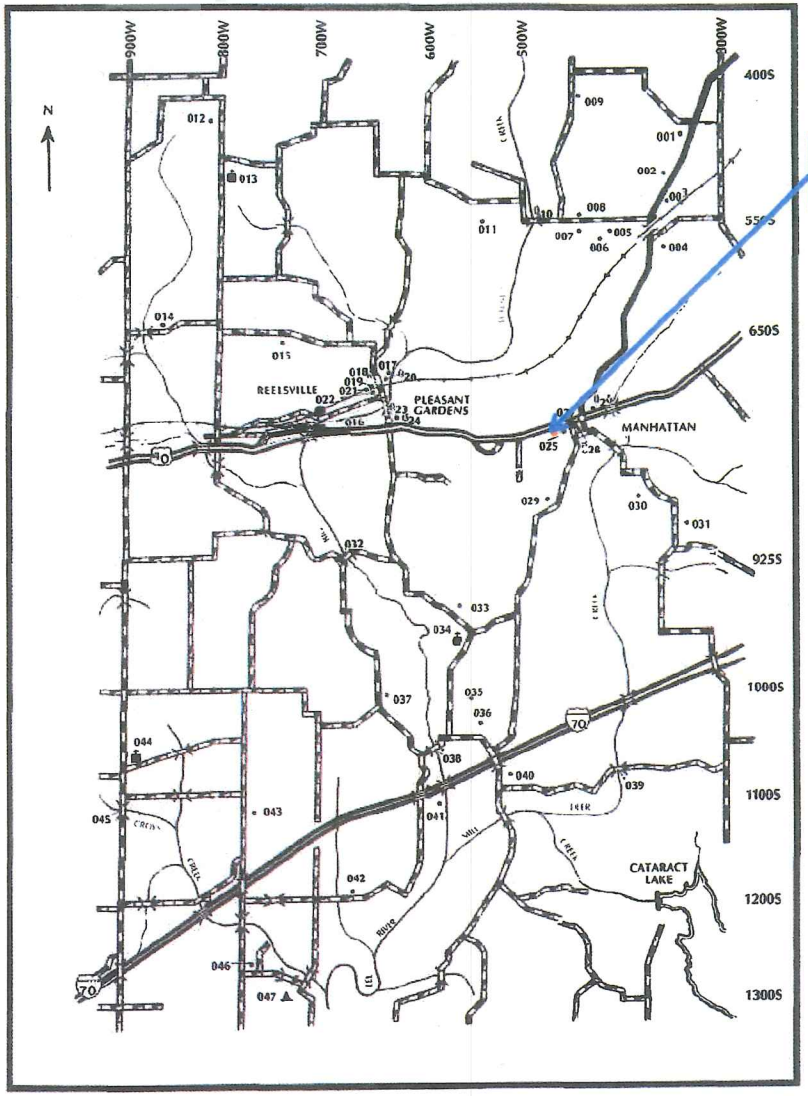
004 N **HAMRICK LOG HOUSE,** 350 W; Pioneer/Federal, c.1830/c.1850; Architecture, Commerce, Vernacular/Construction (530)

005 N **PHILIP HUTCHISON FARM,** 550 S; Carpenter-Builder/ Eastlake, 1887; Architecture (530)

006 C **D. HOUCK HOUSE,** 550 S; Carpenter-Builder/Prairie, c.1870/c.1910; Architecture (530)

007 N **HOUCK HOUSE,** 550 S; Eastlake, c.1890; Architecture (530)

003

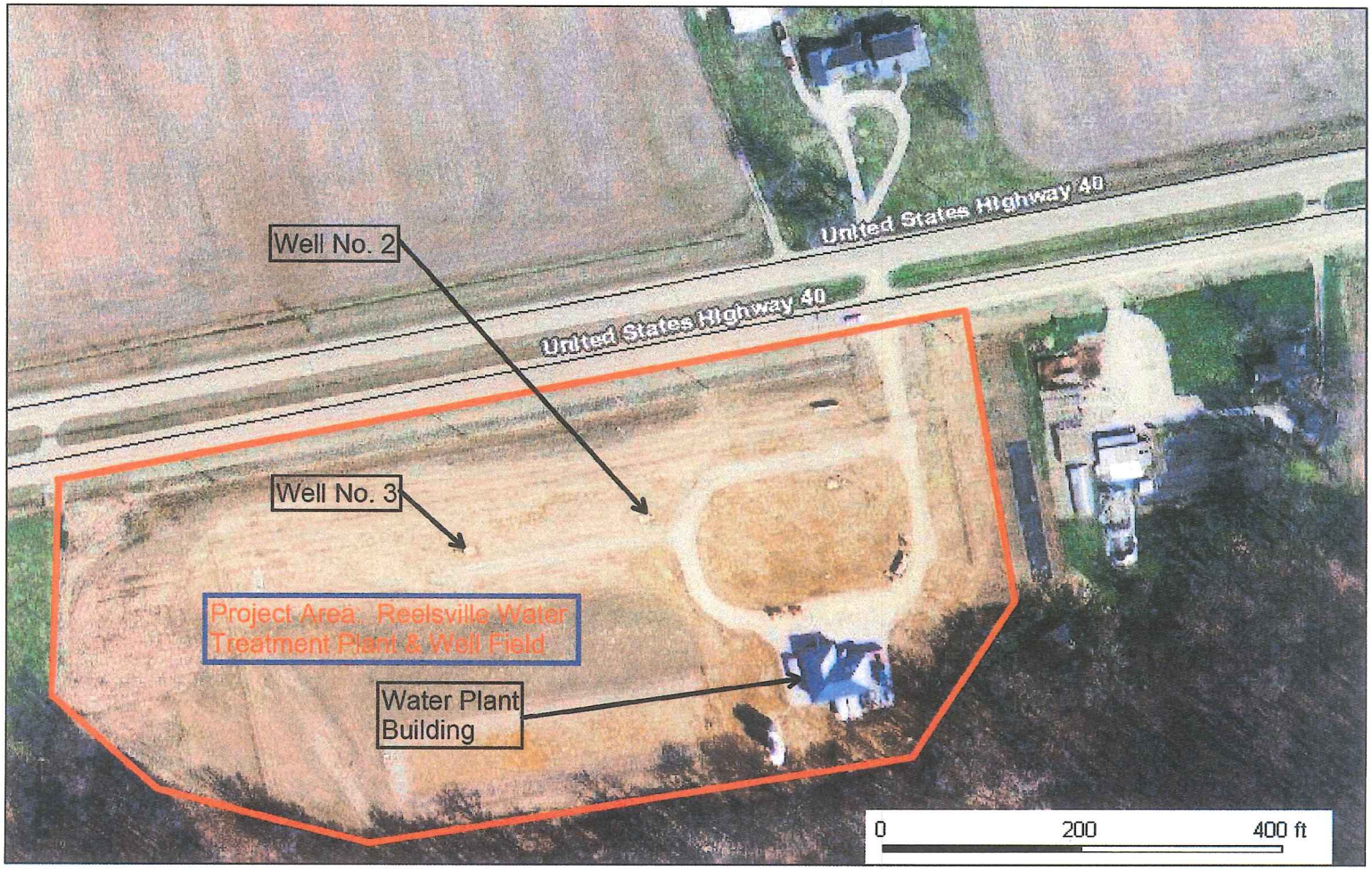


008 C **P. HUTCHISON HOUSE,** 550 S; Federal/Greek Revival, c.1860; Architecture, Exploration/ Settlement (530)

009 C **P. BRUCE HOUSE,** 450 W; Carpenter-Builder/Eastlake, c.1880; Architecture (530)

010 O **HOUCK COVERED BRIDGE,** 550 S; Howe Truss, 1880; Massillon Bridge Company, Builder; Engineering, Transportation, Vernacular/ Construction (530)

Figure 2 PROJECT AREA SITE PLAN



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Scale 1:1894

Indiana Geological Survey

Project Location Aerial Map: Reelsville Water Treatment Plant
Washington Township, Putnam County, Indiana
Township 13 North, Range 5 West, Section 23